



Patent  
Attorney Docket No. 032566-066

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Soojin OH et al.

Application No.: 10/615,842

Filing Date: July 10, 2003

Title: Deposition Method for Nanostructure Materials

Group Art Unit: 1753

Examiner: Unassigned

Confirmation No.: 9995

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

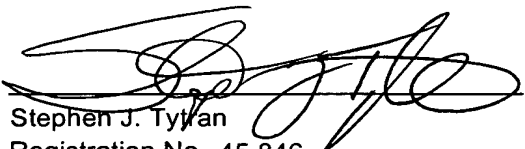
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: January 22, 2004

By

  
Stephen J. Tylan

Registration No. 45,846



Patent  
Attorney's Docket No. 032566-066

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Soojin OH et al.	)	Group Art Unit: 1753
Application No.: 10/615,842	)	Examiner: Unassigned
Filed: July 10, 2003	)	Confirmation No.: 9995
For: Deposition Method for	)	
Nanostructure Materials	)	

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

The information being disclosed is listed on the attached form PTO-1449. Copies of at least some of the documents listed were previously made of record in prior Application Serial No. 09/996,965, filed November 30, 2001, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Thus, in accordance with 37 C.F.R. § 1.98, only copies of those listed documents that were not previously made of record in the prior application, if any, are enclosed.

Pursuant to 37 C.F.R. § 1.98, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

This information is being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the


merits, whichever is later. Since the information is being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

It is respectfully requested that an Examiner-initialed copy of the attached PTO-1449 form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: *January 22, 2004*

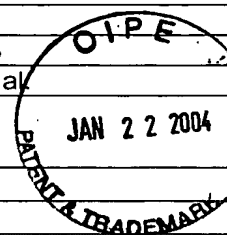
# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/615,842
Filing Date	July 10, 2003
First Named Inventor	Soojin OH et al.
Examiner Name	Unassigned
Attorney Docket Number	032566-066

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,277,318	B1	Bower et al.	08-21-2001
	6,280,697	B1	Zhou et al.	08-28-2001
	6,333,968	B1	Whitlock we al.	12-25-2001
	6,334,939	B1	Zhou et al.	01-01-2002
	6,456,691	B2	Takahashi et al.	09-24-2002
	6,553,096	B1	Zhou et al.	04-22-2003
	6,630,772	B1	Bower et al.	10-07-2003
	2002/0140336	A1	Stoner et al.	10-03-2002
	2002/0193040	A1	Zhou	12-19-2002
	2003/0002627	A1	Espinosa et al.	01-02-2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Bower, Chris et al., "Plasma-induced alignment of carbon nanotubes", Applied Physics Letters, Vol. 77, No., 6, Pages 830-832; August 7, 2000.
	Journet, C. et al., "Large-scale production single-walled carbon nanotubes by electric-arc technique", Nature, Vol. 388, pages 757-760; August 1997.

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.